

A CORED WIRE INJECTION PROCESS IN STEEL MELTS**ABSTRACT OF THE DISCLOSURE**

The present invention provides a cored wire injection process for introducing fluxes and alloying additives in liquid steel bath. The bath temperature and chemistry of the liquid steel is adjusted according to requirements in a secondary treatment unit. The additives are released from the cored wire, while controlling the zone of release. The yield of the additives can thus be controlled by changing dimension of the cored wire and speed of injection to suit the grade of steel processed and the treatment temperature. The zone of release is preferably close to the bottom of the ladle and the diameter and sheath thickness of the cored wire are preferably more than 13 mm and 0.4 mm respectively.